

### ABSTRACT OF THE DISCLOSURE

A computer-implemented Integrated Development Environment (IDE) for use in constructing a multi-tier business application for a multiple tier computer network. The IDE is used to create and maintain the multi-tier business application quickly and easily on the multiple tier computer network. The IDE includes a Topological Multi-Tier Business Application Composer and associated Meta-model, wherein the Composer allows the developer to graphically design, develop, maintain, build, test, debug, and deploy the multi-tier business application and the graphical representation of the multi-tier business application is then persistently stored in the Meta-model.

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Adriane M. Baird  
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